

CLIMATOLOGICAL DATA FOR DECEMBER, 1911.

DISTRICT No. 10, GREAT BASIN.

ALFRED H. THIESSEN, District Editor.

GENERAL SUMMARY.

The low temperatures which prevailed during November continued through December also, and this month takes rank as one of the coldest on record. There were very few stations in the district where temperatures below zero were not recorded. In the Utah area there was only one previous December in 18 years which was colder, that of 1909. The precipitation was less than normal, but not markedly so.

For the district there was on the average 13 clear, 8 partly cloudy, 10 cloudy, and 5 rainy days.

TEMPERATURE.

The temperature for December for the district averaged 24.2° , which is 4.7° below normal. The highest mean temperatures occurred in the sheltered valleys of the Utah area, in the southern and extreme western portions of Nevada, and in portions of the California and Oregon areas, while the lowest mean temperatures for the month were reported in the Wyoming and Idaho areas. The monthly mean temperatures were below normal in all portions of the district, the greatest minus departures occurring in the extreme northern and southern portions of Utah, and in the Idaho and California areas.

The highest monthly mean temperature was 38.2° at Jean, Nev., and the lowest was 7.9° at Border, Wyo.

The greatest minus departure was 9.5° at Modena, Utah, where the monthly mean was 22.2° .

The first few days of the month were moderately warm in the greater portion of the district and continued until the 8th. The remainder of the month was very cold with the exception of a period extending from the 27th to the 29th, inclusive, when a few stations reported their highest temperatures for the month. The lowest temperatures were generally recorded on various dates during the last decade. The lowest temperature was 31° below zero at Geyser, Nev., on the 30th.

The highest temperatures were recorded for the most part during the first decade, and generally from the 1st to the 5th, inclusive. The highest for the month was 69° at Beowawe, Nev., on the 9th.

The greatest daily range was 63° on the 6th at Geyser, Nev., and the greatest monthly range was 94° at the same place, the temperature ranging from 63° on the 6th to -31° on the 30th.

The records at Lemay, Midlake, and Ogden, all in Utah, present some interesting comparisons. Lemay is situated about 15 miles west of Great Salt Lake; Midlake is nearly in the center of the Lucin Cut-off in the middle of the lake; and Ogden is about 8 miles east of the eastern shore of the lake.

The effect of the proximity of a large body of water on the climate of a place is, of course, to mitigate the ex-

tremes of temperatures in winter as well as in summer. On this general principle, one would expect more moderate temperatures at Midlake than at either Ogden or Lemay, and the most severe at the latter place.

	Monthly mean temperature.	Highest temperature.	Lowest temperature.	Mean maximum temperature.	Mean minimum temperature.	Mean daily range.
Lemay.....	24.2	40	2	31.1	17.2	13.9
Midlake.....	30.2	41	18	34.3	26.2	8.1
Ogden.....	27.0	53	7	39.1	15.0	24.1

The above gives the record for the month of December in tabular form. It is seen that the monthly mean at Midlake is higher than either that at Ogden or at Lemay, while the lowest is at Lemay, it being to the west and not under the influence of the lake to any great extent. The great effect of a large body of water is to decrease the daily range of temperature. At Midlake it was only 8.1° , while at the other stations it was much higher.

PRECIPITATION.

The precipitation, as a rule, fell in the form of snow, and averaged for the district about 0.92 inch, which is 0.34 inch below the normal. The greatest monthly amounts fell in the Utah and California areas, where they were nearly normal, and the least in the Nevada, Idaho, and Wyoming areas, where they were below normal. In Utah the snowfall was light and was drifted considerably in the hills and blown from the exposed ridges. During the last half of the month the ground was covered in the valleys with snow from 1 to 3 inches in depth, while in the mountains there were many drifts, but where undisturbed the snow lay on the level from 4 to 10 inches deep.

In Nevada the driest region was in Churchill and Esmeralda Counties, while the greatest precipitation fell in the eastern Sierra Nevadas and in portions of Elko, Lander, and Eureka Counties. The snow cover in the mountains was below the average in all sections.

Precipitation began on the 6th in the Oregon and California areas and on the 7th in the remainder of the district, and continued at intervals during the remainder of the month. In the Idaho and Wyoming areas most of the moisture fell from the 7th to the 12th and from the 26th to the 28th. In the Nevada, Oregon, and California areas there was a comparatively dry period from the 1st to the 5th and from the 8th to the 14th.

The greatest 24-hour amount was 1.65 inches at McKinney, Cal. The greatest monthly amount was 4.20 inches at Truckee, Cal.

TABLE 1.—Climatological data for December, 1911. District No. 10, Great Basin.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Wyoming.</i>																				
Border.	Uinta.	6,085	9	7.9	- 5.7	31	10†	- 18	35	0.47	- 0.36	0.40	6.1	5	15	7	9	w.	S. W. Condron.	
Cokeville.	do.	6,204	2	12.9	- 3.7	41	3	- 16	10	0.37	- 0.87	0.15	5.0	4	16	7	8	w.	E. J. Tuckett.	
Evanston	do.	6,860	15	16.5	50	3	- 14	25	42	0.45	- 0.29	4.0	3	12	9	10	sw.	Frank Tucker.		
<i>Idaho.</i>																				
Geneva.	Bear Lake.	5,400	3	20.2	47	3	- 6	26	40	0.63	0.42	4.5	2	27	2	2	s.	F. W. Boehme.		
Grace.	Bannock.	5,946	17	12.8 ^b	- 7.8	35	5	- 11 ^a	19	31	0.27	0.15	5.0	4	6	4	5	nw.	Donald R. Shirk.	
Paris.	Bear Lake.	4,460	13	21.7	- 2.7	46	4	1	30	35	0.61	- 0.45	0.15	6.0	6	13	1	17	s.	John Norton.
Weston.	Oneida.																		Wm. T. Chatterton.	
<i>Utah.</i>																				
Alpine.	Utah.	4,900	14	59	3	0	25	31	1.38	+ 0.22	0.47	23.0	6	15	8	8	n.	T. F. Carlisle.		
Beaver.	Beaver.	6,000	8	25.7	59	4	- 23	30	47	0.63	0.40	10.0	5	9	17	5	n.	James Connell.		
Black Rock.	Millard.	4,872	11	19.8	59	4	- 17	31	50	0.95	0.35	13.5	4	13	10	8	n.	W. D. Livingston.		
Burville.	Sevier.	20,64	8	57	8	2	25	31	0.48	0.15	9.5	9	10	7	14	w.	F. R. Curtis.			
Castle Rock.	Summit.	6,244	8	64	3	1	25	39	1.26	0.99	18.0	6	12	7	12	n.	David Moore.			
Cedar City.	Iron.	5,750	6	27.9	57	3	- 14	25	50	0.24	0.10	5.5	2	22	7	n.	Parley Dalley.			
Center.	Tooele.	21.0	1	57	3	14	25	50	0.10	0.02	9	8	8	15	15	n.	L. C. Peterson.			
Clarkston.	Cache.																	W. J. Griffiths.		
Corinne.	Boxelder.	4,240	41	22.3	- 6.1	48	4	- 8	30	36	0.45	- 1.10	0.20	4.5	3	7	5	19	A. C. Murphy.	
Desert.	Millard.	4,541	17	22.3	- 3.6	59	5	- 11	30	41	0.53	- 0.02	0.20	9.0	4	15	5	11	Samuel W. Western.	
Enterprise.	Washington.	4,270	3															John Day.		
Erekson.	Tooele.																	N. W. Erekson.		
Fairfield.	Utah.	4,866																W. Harder Ashby.		
Farmington.	Davis.	4,267	11	25.6	- 5.1	48	6	5	31	30	2.03	± .00	0.40	10.6	5	13	9	9	n.	
Fillmore.	Millard.	5,100	21	27.2	- 3.1	60	4	2	25	37	0.98	- 0.12	0.32	20.3	7	14	7	10	nw.	
Frisco.	Beaver.	7,318	17	25.6	- 5.3	56	3†	- 5	26	40	1.40	+ 1.00	0.80	14.0	2				Essen Nordberg.	
Garrison.	Millard.	8																E. M. Smith.		
Government Creek.	Tooele.	5,277	11	23.2	- 5.1	58	4	- 9	31	37	0.36	- 0.52	0.14	4	22	7	2	n.	Walter James.	
Granger.	Salt Lake.	24.6																Geo. E. Greene.		
Grantsville.	Tooele.	2																J. C. Woodmansee.		
Grouse Creek.	Boxelder.																	Philip Paskett.		
Heber.	Wasatch.	5,600	18	20.2	- 2.0	54	3†	- 15	31	44	0.78	- 1.01	0.25	13.0	6	16	4	11	n.	
Henesier.	Summit.	5,301	12	21.8	- 2.0	49	4	- 11	31	46	0.61	- 1.06	0.10	6.0	9	10	9	12	n.	
Hooper.	Weber.	4,436																William Brewer.		
Irapah (near).	Tooele.	7,500	6															J. S. Lawton.		
Iplex.	Millard.	5,370	1	29.2		58	4	2	25	29	0.22		0.12	3.0	2	5	8	18	n.	
International.	Tooele.																	John J. Watson.		
Iosepa.	do.																	I. S. R. Co.		
Joy.	Juab.																	Geo. K. Hubbell.		
Junction.	Piute.																	A. M. Laird.		
Kanosh.	Millard.	5,250	3															Joseph Jensen.		
Kelton.	Boxelder.	4,230	33	19.4	- 7.7	40	4†	- 3	30	35	1.72	- 0.44	0.56	10	4	17	10	e-ne.	Geo. Crane.	
Lemay.	do.																	F. W. Klock.		
Levan.	Juab.	5,010	21	22.0	- 3.4	53	3†	- 6	31	37	1.41	- 0.09	2.0	3	14	8	9	n.	Agent S. P. Co.	
Logan.	Cache.	4,507	20	22.8	- 2.3	43	5	3	19	23	1.15	- 0.20	16.0	10	7	5	19	n.	William Brown.	
Low.	Tooele.	27.2																Utah Exp. Station.		
Lucin.	Boxelder.	4,504	7	20.9	- 5.1	51	5	- 8	29†	40	0.85	- 0.30	6.5	4	14	12	5	n.	Agent W. P. Ry. Co.	
Lund.	Iron.	5,086																C. J. Burke.		
Manti.	Sanpete.	5,575	17	24.0	- 1.1	57	3†	- 6	25†	43	0.40	- 0.53	0.15	4.8	5	13	1	17	n.	Job F. Hall.
Maple Creek.	Utah.																	J. M. Anderson.		
Marion.	Summit.	6,750	7															Lewis W. Gillilan.		
Marysville.	Piute.	6,180	12	22.6		58	3	- 15	30	54	0.30		1.08	8	7	11	13	n.	Jas. Woolstenhulme.	
Meadowville.	Rich.	6,200	21	21.0	- 4.8	38	4†	3	27†	30	0.05	- 1.02	0.05	1.5	1	18	5	8	w.	John W. Henry.
Mercur.	Tooele.																	J. S. Moffat.		
Midlake.	Boxelder.	30.2																T. H. Franklin.		
Midvale.	Salt Lake.	25.6																Agent S. P. Co.		
Milford.	Beaver.	4,962	7															Joseph Williams.		
Millville.	Cache.	4,848																Agent Salt Lake Route.		
Minersville.	Beaver.	5,070	14	14														Fred Yeates.		
Modena.	Iron.	5,479	11	22.2	- 9.5	54	3	- 17	30	42	0.76	+ 0.18	0.31	8.6	6	13	11	7	w.	Geo. Roberts, sr.
Morgan.	Morgan.	5,068	8															U. S. Weather Bureau.		
Moroni.	Sanpete.	5,519	3	24.5		61	3	- 4	25	39	0.76		0.19	9.4	8	12	4	15	sw.	W. Visick.
Mosida.	Utah.	22.9																B. F. Eliason.		
Mount Nebo.	do.	4,650	10	26.8		56	5	- 1	25†	36	0.74		0.22	13.0	7	12	6	13	s.	Roy P. Curtis.
Nephil (near).	Juab.	8																D. C. Walkey.		
Newcastle.	Iron.																	S. Boswell.		
Oak City.	Millard.	4,900	7	24.0		56	5	- 3	25	35	1.40		0.90	14.0	4	7	11	13	n.	T. W. Jones.
Ogden.	Weber.	4,310	10	27.0	- 4.5	53	1	7	18†	37	2.53	+ 0.83	0.89	22.5	6	13	5	13	n.	Peter Nielson.
Park City.	Summit.	7,600	14	21.0		49	3	- 8	26	43	2.30		0.95	—	3	20	1	10	nw.	A. Van De Graaf.
Park Valley.	Boxelder.																	Gertrude Evans.		
Parowan.	Iron.	5,970	20	26.1	- 2.7	60	3†	- 1	25†	38	1.00	+ 0.07	0.40	12.0	6	21	0	10	nw.	Thomas Stirland.
Paysont.	Utah.	4,637	8															Scott Matheson.		
Pelican Point.	do.	4,600																D. L. Coombs.		
Pine Cliff Ranch.	Summit.	5,907	15	20.0†	- 7.1	56	3	- 22	30	48	0.90	+ 0.07	0.60	4.0	2	12	5	14	n.	B. M. Mendenhall.
Pinto.	Washington.																	L. E. Leavitt.		
Promontory.	Boxelder.	4,913	40															J. H. Harrison.		
Provo.	Utah.	4,532	23	22.4	- 6.5	58	4†	- 10	31	45	2.12	+ 0.59	0.60	29.0	5	7	20	4	n.	F. C. Houghton.
Randolph.	Rich.	6,442	9															James A. Oliver.		
Revier.	Salt Lake.																	William Rex.		
Richfield.	Sevier.	5,350	21	22.6	- 5.5	54	3	- 8	31	42	0.76	- 0.31	0.20	4.0	2	12	5	14	n.	E. L. Terry.
Richmond.	Cache.																	Joseph J. Jensen.		
Saltair.	Salt Lake.	4,220	9	27.1		40	28													

TABLE 1.—Climatological data for December, 1911. District No. 10—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Utah—Continued.																				
Wendover.	Tooele.	—	23.2	—	43	29	—	7	4†	31	0.10	—	0.10	1.5	1	7	18	6	n-ne.	J. S. Cooper.
Whisky Creek.	Millard.	—	—	—	—	—	—	—	—	—	1.40	—	1.20	14.0	2	—	—	—	—	Geo. Stevens.
Woodruff.	Rich.	6,600	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. Sidney Pussy.	
Oregon.																				
Burns.	Harney.	4,157	20	23.8	— 1.8	54	12	— 6	20	44	0.71	— 0.51	0.38	8.0	4	18	4	9	sw.	J. C. Welcome, jr.
Clif.	Lake.	4,300	4	25.4	—	54	1	— 6	21	51	0.54	—	0.26	3.0	3	5	7	19	w.	John C. Green.
Paisley.	do.	4,500	8	30.4	—	50	4†	— 10	20	38	T.	—	T.	0	15	6	15	7	E. C. Woodward.	
Silver Lake.	do.	4,700	14	26.8	— 3.0	52	1†	— 15	21	55	0.43	— 0.69	0.10	1.5	6	6	6	10	Geo. W. Marvin.	
California.																				
Tahoe.	Placer.	1	26.2	—	49	5	— 2	25†	32	1.90	—	0.60	37.0	4	25	1	5	•.	R. M. Watson.	
Truckee.	Nevada.	5,819	40	20.8*	— 7.9	52	7	— 22	26	46	4.20	— 0.10	1.40	42.0	5	6	23	3	—	Southern Pacific Co.
Nevada.																				
Austin.	Lander.	6,594	22	26.0	— 4.9	58	1	— 5	19	44	0.84	— 0.35	0.43	8.4	4	29	0	2	sw.	F. O. Booe.
Battle Mountain.	do.	4,843	40	26.4	— 4.7	54	12†	— 7	19	44	0.80	+ 0.10	0.40	8.0	3	23	6	2	—	Southern Pacific Co.
Beowawe.	do.	4,905	40	29.6	— 0.2	69	9	— 12	29	52	0.88	+ 0.11	0.60	8.8	3	23	6	2	w.	Do.
Carlin.	Elko.	5,232	40	21.5	— 4.9	60	2†	— 11	24	58	0.06	— 1.18	0.02	0.6	4	20	0	11	sw.	U. S. Reclamation Service.
Carson Dam.	Churchill.	4,032	4	29.8	—	54	4†	— 5	25	35	T.	—	T.	0	11	5	15	e.	J. H. Leishman.	
Cherry Creek.	White Pine.	6,450	3	23.2	—	55	4	— 12	25	40	0.39	—	0.11	7.9	6	12	11	8	w.	I. F. Wiseman.
Clover Valley.	Elko.	6,000	11	23.5	— 3.2	55	4	— 8	25†	42	0.47	— 1.09	0.20	4.7	5	5	18	8	—	A. Booth.
Columbia.	Esmersida.	5,750	4	28.9	—	60	2	— 1	30	36	0.12	—	0.11	2.0	2	21	6	4	nw.	Golconda Cattle Co.
Dutton.	Elko.	5,100	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E. J. Clark.	
Elko.	do.	5,432	40	21.1	— 5.9	56	4	— 15	30	49	0.88	— 0.30	0.30	8.8	7	9	9	13	w.	Rev. G. C. Hunting.
Ely.	White Pine.	6,421	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Clay Simms.	
Eureka.	Eureka.	6,500	8	25.0	—	60	1	— 5	30	41	0.84	—	0.35	28.0	7	9	4	18	n.	U. S. Experiment Station.
Fallon.	Churchill.	3,965	6	27.5	—	56	4	— 3	30	39	0.16	—	0.06	1.5	4	20	2	9	sw.	Mrs. G. A. Steele.
Fernley.	Lyon.	4,200	38	29.2	— 3.0	55	5†	— 4	30	44	T.	—	0.58	T.	0	17	9	5	—	Wm. Dangberg.
Gardnerville.	Douglas.	4,830	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mrs. J. F. Wambolt.	
Geyser.	Lincoln.	7	22.8	—	63	6	— 31	30	63	0.60	—	0.40	6.0	2	13	16	2	s.	C. C. Henningsen.	
Glenbrook.	Douglas.	2	30.8	—	54	3	— 1	25	34	1.45	—	1.20	29.0	6	23	3	5	e.	Southern Pacific Co.	
Golconda.	Humboldt.	4,097	32	23.7	— 9.0	55	4	— 5	25	40	0.40	— 0.45	0.30	4.0	2	23	0	8	n.	Do.
Halleck.	Elko.	5,631	18	20.0	— 4.9	62	5	— 15	29	61	0.47	— 0.71	0.30	4.7	4	6	22	3	—	Salt Lake Route.
Jean.	Clark.	2,074	3	38.2	—	65	2	— 9	30	44	T.	—	T.	T.	0	23	4	4	ne.	U. S. Reclamation Service.
Lahontan.	Churchill.	0	32.0	—	59	10	— 7	30	39	0.15	—	0.13	0.2	2	18	3	10	w.	Ross Lewers.	
Lewers' Ranch.	Washeoe.	5,500	23	30.4	— 4.0	55	1†	— 3	30	39	1.30	— 2.11	0.90	13.0	2	16	11	4	s.	C. H. Allender.
Lovelock.	Humboldt.	3,977	17	26.8	— 4.5	55	4	— 6	30	44	0.18	— 0.01	0.15	0.9	4	13	14	4	s.	Fred J. Jones.
Millet.	Nye.	3	22.0	—	61	3	— 24	30	51	0.28	—	0.18	0.18	2	17	4	10	—	Southern Pacific Co.	
Mina.	Mineral.	4,600	4	29.3	—	59	1	— 9	26	31	0.60	—	0.40	6.0	2	10	15	6	sw.	Miss Mamie Potts.
Potts.	Nye.	6,990	18	18.2	— 6.7	55	2†	— 21	25	47	0.17	— 0.34	0.06	9.0	6	10	11	10	n.	F. M. Payne.
Quinn River Ranch.	Humboldt.	4,850	9	—	57	1	— 4	29	42	0.24	—	0.12	2.0	4	17	2	12	w.	E. J. Hyatt.	
Rebel Creek.	do.	0	28.9	—	55	2	— 4	29	42	0.90	—	0.55	6.0	4	11	11	9	s.	U. S. Weather Bureau.	
Reno.	Washeoe.	4,532	40	29.8	— 3.9	56	15	— 6	30	35	0.32	— 1.35	0.21	5.0	4	11	14	6	sw.	U. S. Reclamation Service.
Soda Lake.	Churchill.	4,534	4	29.4	—	53	4†	— 4	30	34	0.04	—	0.04	T.	1	7	13	11	sw.	Southern Pacific Co.
Tecoma.	Elko.	4,812	33	20.8	— 6.7	54	5	— 14	31	52	0.70	+ 0.03	0.30	7.0	4	9	17	5	—	U. S. Weather Bureau.
Tonopah.	Nye.	6,090	6	27.0	—	55	2	— 5	21	26	0.13	—	0.06	4.3	4	10	16	5	w.	Andrew Reid.
Wabuska.	Lyon.	4,347	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Southern Pacific Co.	
Wells.	Elko.	5,631	32	19.8	— 5.3	54	4	— 16	29	43	0.20	— 0.83	0.10	2.0	2	6	23	2	nw.	U. S. Weather Bureau.
Winnemucca.	Humboldt.	4,432	32	25.9	— 4.8	55	4	— 5	30	44	0.42	— 0.57	0.11	5.0	8	9	8	14	sw.	U. S. Weather Bureau.

*, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for December, 1911. District No. 10, Great Basin.*

TABLE 2.—*Daily precipitation for December, 1911. District No. 10—Continued.*

Stations.	Watersheds.	Day of month.																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.
Oregon.																																	
Ana River.....	Southeast drainage.					.05																											T. 0.16
Bear Valley.....	do.....	.20		T.						T. 10																						2.52	
Burns.....	do.....	do.....																														0.71	
Burns Mill.....	do.....					10																										2.00	
Christmas Lake.....	do.....						T. 20																								0.36		
Cliff.....	do.....							.26																								0.54	
Diamond.....	do.....								.09																							0.80	
Embody.....	do.....								.01																							0.64	
Fort Rock.....	do.....								.03																							0.16	
Paisley.....	do.....									T. 7																						T. T.	
Seneca.....	do.....										.07																					0.94	
Silver Lake.....	do.....																															0.43	
Valley Falls.....	do.....																																
California.																																	
Bijou.....	Truckee.....					.06	T.																									1.63	
Boca.....	do.....	.02																														2.82	
Deer Park.....	do.....						.20																									2.75	
Glen Alpine.....	do.....							.05	.20																						2.50		
Hobart Mills.....	do.....							.07	.05																						2.38		
Lundy.....	East Walker.....									T. 7																						1.78	
McKinney.....	Truckee.....			*	.06																											3.98	
Markleeville.....	East Carson.....									T. 20																						1.75	
Shields Ranch.....	East Walker.....																																1.15
Silver Creek.....	East Carson.....																																2.16
Tahoe.....	Truckee.....									T. 60																						1.90	
Tallac.....	do.....										T. 48																					1.80	
Truckee.....	do.....											1.20																				4.20	
Woodfords.....	West Carson.....																																1.03
Nevada.																																	
Arthur.....	Humboldt.....																																1.50
Austin.....	Reese.....																																0.84
Battle Mountain.....	Humboldt.....																																0.80
Beowawe.....	do.....																																0.88
Bishop.....	do.....																																0.06
Carlin.....	do.....																																
Carson Dam.....	Carson.....																																
Cherry Creek.....	Humboldt.....																																0.39
Clover Valley.....	do.....																																0.47
Columbia.....	Desert.....																																0.12
Dry Farm.....	Humboldt.....																																0.54
Dutton.....	do.....																																
Elko.....	do.....																																0.88
Ely.....	do.....																																
Eureka.....	do.....																																
Fallon.....	Carson.....																																0.84
Fernley.....	Truckee.....																																0.16
Gardnerville.....	Carson.....																																
Geyser.....	Humboldt.....																																0.60
Glenbrook.....	Truckee.....																																
Golconda.....	Humboldt.....																																0.40
Halleck.....	do.....																																0.47
Jean.....	Desert.....																																
Lahontan.....	Carson.....																																
Lewers Ranch.....	Truckee.....																																0.15
Lovelock.....	Humboldt.....																																0.30
Massacre Lakes.....	Desert.....																																0.18
Mill City.....	Humboldt.....																																0.52
Millett.....	Reese.....																																0.28
Mina.....	Desert.....																																0.60
North Fork.....	Humboldt.....																																0.86
Potts.....	Reese.....																																0.17
Quinn River Ranch.....	Humboldt.....																																0.24
Rebel Creek.....	do.....																																0.90
Reno.....	Truckee.....																																0.32
Rose Creek.....	Humboldt.....																																
Skeilton.....	do.....							*	.07																								1.13
Smith.....	West Walker.....																																0.37
Soda Lake.....	Carson.....																																0.04
Spooners Ranch.....	Truckee.....							*	.10																								
Sweetwater.....	East Walker.....																																1.05
Tecoma.....	Humboldt.....																																0.70
Tonopah.....	Desert.....																																0.13
Wabuska.....	Walker.....																																
Wells.....	Humboldt.....																																0.20
Willow Point.....	Little Humboldt.....																																

* Precipitation included in that of the next measurement.
† Separate dates of falls not recorded.

T Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures for December, 1911. District No. 10, Great Basin.*

Date.	Wyoming.				Utah.																Salt Lake City.		Wendover.							
	Border.		Evanston.		Weston, Idaho.		Corinne.				Deseret.		Govern- ment Creek.		Logan.		Marysville.		Meadow- ville.		Modena.		Parowan.		Provo.		Salt Lake City.		Wendover.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	21	-1	45	11	40	10	38	13	44	6	43	14	40	18	49	4	37	12	48	8	52	14	43	10	40	23	32	9		
2....	25	-7	44	7	44	10	39	11	46	4	44	14	37	15	50	4	36	16	47	9	55	18	44	8	40	22	33	11		
3....	23	-9	50	8	44	9	38	17	49	8	48	12	39	15	58	4	36	17	54	12	60	22	55	10	40	22	31	8		
4....	22	-10	38	18	46	17	48	11	49	8	58	21	39	18	57	27	38	14	53	22	60	29	58	18	42	24	30	7		
5....	25	-2	42	12	45	13	40	15	59	14	41	20	43	20	57	13	37	12	51	16	52	21	58	15	45	24	33	12		
6....	22	-2	35	17	45	14	44	17	49	12	52	24	40	18	52	12	38	10	48	12	54	17	53	13	54	26	31	10		
7....	30	0	36	14	39	24	39	27	54	9	44	24	39	21	42	27	32	19	39	20	47	30	38	15	38	31	30	8		
8....	21	0	30	11	37	10	36	12	43	20	56	11	36	15	40	20	30	14	42	13	39	14	42	16	38	23	36	8		
9....	22	5	30	5	31	15	33	17	41	10	34	15	34	15	42	6	30	17	43	9	39	13	33	13	32	24	39	11		
10....	31	17	28	18	30	20	36	10	40	11	33	16	32	23	36	25	34	15	39	15	43	25	35	23	33	21	41	10		
11....	25	-5	23	11	30	4	32	0	40	23	35	9	28	13	36	21	34	21	37	9	39	19	35	5	36	20	38	10		
12....	31	-0	22	10	30	20	31	17	37	12	32	23	30	15	32	11	34	14	36	10	33	15	35	9	31	24	32	8		
13....	15	-5	22	5	33	10	30	5	32	19	29	14	31	15	32	22	11	32	14	33	17	35	12	33	20	34	7			
14....	20	-4	23	-5	28	10	30	10	35	18	31	6	27	15	36	3	30	9	32	4	39	8	32	3	32	18	32	7		
15....	30	-4	29	11	37	10	33	16	47	21	36	11	34	20	39	3	36	16	41	6	39	11	36	7	36	21	35	11		
16....	31	-4	32	23	40	22	37	27	34	9	40	23	38	22	42	21	35	17	47	18	49	20	33	12	38	28	33	10		
17....	20	-5	23	7	34	16	33	17	33	24	35	24	32	20	36	18	29	14	33	25	30	23	40	11	40	29	37	11		
18....	10	-18	26	15	32	10	37	21	32	22	30	15	29	14	29	22	12	33	14	35	22	35	14	36	22	40	9			
19....	20	-6	28	-6	22	2	30	5	30	0	31	5	22	3	33	12	23	9	30	2	35	3	32	4	34	17	37	9		
20....	16	-10	25	1	30	7	28	5	26	2	25	18	27	5	28	4	26	10	30	9	29	5	37	2	30	20	33	10		
Mns.	20.7	-4.9	27.0	5.9	32.2	11.2	33.6	11.0	36.1	8.5	34.6	11.8	31.0	14.5	36.3	9.0	30.0	11.9	30.6	7.9	39.2	13.0	36.4	8.5	34.8	21.0	35.6	10.9		

Date.	Nevada.																Rebel Creek.		Reno.		Tecoma.		Tonopah.		Winne- mucca.			
	Burns, Oreg.		Cherry Creek.		Elko.		Eureka.		Fallon.		Jean.		Lovelocks.		Millett.		Mina.		Rebel Creek.		Reno.		Tecoma.		Tonopah.		Winne- mucca.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	42	6	46	14	47	2	60	19	48	10	61	18	53	9	52	1	59	46	52	15	50	19	41	-1	52	38	55	12
2....	46	10	48	18	50	1	58	19	49	11	65	21	51	12	54	4	51	41	55	12	56	23	44	0	55	42	54	10
3....	50	12	50	17	46	4	57	34	43	19	61	26	45	20	61	13	49	42	45	20	53	26	40	-2	52	39	48	15
4....	44	8	55	24	56	18	50	37	56	17	60	35	55	22	55	14	51	24	52	25	52	22	50	5	42	33	55	18
5....	47	14	48	16	52	5	53	16	55	20	64	32	54	12	48	1	53	25	50	25	56	25	54	2	47	30	54	17
6....	50	20	44	12	50	6	46	22	41	16	63	25	48	19	45	9	49	29	49	25	44	32	44	3	38	26	50	21
7....	52	21	35	25	41	7	46	21	42	32	56	28	42	24	52	17	48	31	49	28	43	22	44	6	35	22	42	19
8....	51	18	35	7	35	2	39	9	45	13	57	40	44	10	39	1	51	28	45	20	45	18	50	9	35	19	43	15
9....	48	12	37	12	37	7	37	10	45	16	59	24	46	13	46	7	51	26	45	24	47	20	40	7	42	26	46	19
10....	41	13	36	16	37	13	37	19	45	13	54	26	48	9	45	4	49	29	44	16	48	18	40	22	41	24	46	10
11....	40	10	33	7	39	4	43	10	47	11	51	32	45	6	43	2	47	26	50	15	49	16	40	11	38	24	45	9
12....	54	10	38	23	38	19	34	14	47	13	52	29	44	11	40	19	51	27	42	23	45	17	40	21	38	24	42	15
13....	50	12	31	18	39	17	31	16	44	9	54	19	45	7	38	11	46	24	43	8	47	16	40	20	36	21	44	8
14....	46	14	35	5	39	3	40	5	46	1	51	20	45	10	40	0	47	23	43	18	50	19	45	5	38	22	46	13
15....	41	20	42	12	34	8	41	15	54	18	56	18	46	19	40	3	48	24	42	32	56	23	31	6	44	33	47	20
16....	34	12	40	29	44	18	43	21	50	15	55	23	45	16	47	14	42	28	42	20	52	22	44	17	43	25	39	19
17....	33	0	35	24	38	17	34	3	42	5	52	22	40	4	38	2	31	12	35	23	40	18	35	12	36	20	36	20
18....	22	6	29	11	37	0	32	15	40	11	51	32	36	12	34	11	44	19	38	6	38	11	50	19	36	34	5	
19....	29	0	35	-5	30	-7	35	-2	32	5	52	20	40	4	34	-6	42	22	38	15	43	12	30	-4	36	15	38	3
20....	35	-6	31	9	28	6	26	-2	37	14	45	26	38	20	30	-14	39	15	32	20	31	17	33	0	2			